



John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Craig W. Butler, Director

October 29, 2014

Mr. Bruce Bailey  
Vice President of Technical Affairs  
quasar energy group  
5575 Granger Road, Suite 320  
Independence, OH 44131

Re: Biosolids Site Review

Dear Mr. Bailey:

Ohio EPA received a request on October 15, 2014 from quasar energy group to include the following sites as part of the Ringler Energy, LLC biosolids management program:

<u>Field ID</u>	<u>Ohio EPA Site No.</u>	<u>County</u>	<u>Township</u>
DEQ-03-01	21-00192	Delaware	Oxford
MOQ-07-01	59-00095	Morrow	Westfield
MOQ-07-02	59-00096	Morrow	Westfield

These sites, owned and operated by **Exemption 6** are located northeast of the intersection of US 42 and State Route 229 in Ashley.

A review of these sites was conducted by Ohio EPA. Consideration was given to soil and landscape characteristics, isolation distances from residences, geology and ground water conditions and the proximity to waterways and wells.

The review indicated that portions of these sites contain hydrologic group D soils. Please refer to the precipitation prohibitions and restrictions for group D soils found in Ohio Administrative Code (OAC) 3745-40-08(B)(2).

Proper isolation distances shall be maintained from the residences located to the south of Ohio EPA Site 21-00192.

These sites are authorized to be included as part of the Ringler Energy biosolids program. This authorization is subject to conditions contained in both the NPDES permit and OAC 3745-40. Conditions contained in the NPDES permit and OAC 3745-40 may differ. In such cases, the more restrictive conditions from either the NPDES permit or OAC 3745-40 shall govern.

October 29, 2014

Page 2 of 2

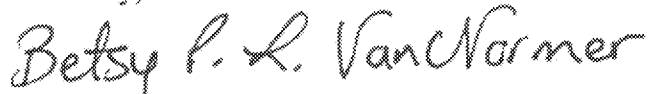
Highlights of these conditions are as follows:

1. Biosolids shall not be applied in buffer zones.
2. In accordance with federal/state rules, biosolids may not be applied within 33 feet of surface waters of the state.
3. Biosolids application shall be timed to avoid periods of excessive wetness to help prevent runoff from a site.
4. Records for the application of biosolids on these sites shall be maintained in accordance with the requirements found in OAC 3745-40-09(C).

**All biosolids beneficially used at these sites shall be injected beneath the surface of the ground or immediately incorporated into the soil.**

If you have any questions, please contact me at (614) 644-2150 or via email at [betsy.vanwormer@epa.ohio.gov](mailto:betsy.vanwormer@epa.ohio.gov).

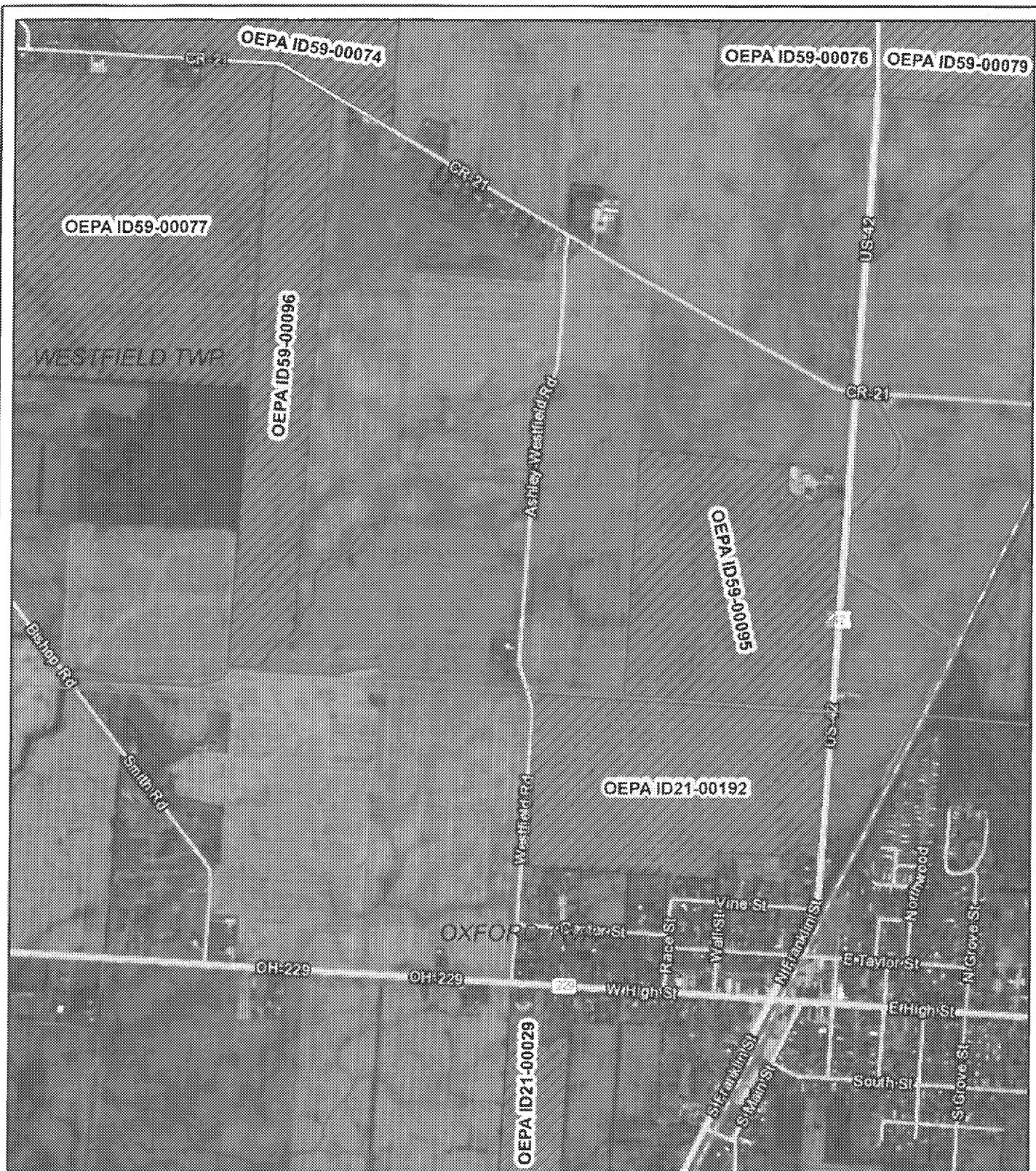
Sincerely,



Betsy P. L. VanWormer, P.E.  
Environmental Engineer II  
Ohio EPA Division of Surface Water

Cc: Delaware County Health Department  
Delaware County Soil and Water Conservation District  
Morrow County Health Department  
Morrow County Soil and Water Conservation District  
Oxford Township Trustees  
Westfield Township Trustees

Ec: **Exemption 6**  
Sam Mullins, quasar energy group  
Cassie Eblin, quasar energy group  
Isaac A. Robinson, III, Chief, Ohio EPA/CDO



Ohio EPA Division of Surface Water  
50 West Town Street, Suite 700  
Columbus, OH 43216  
(614) 644-2150

# Beneficial Use Site Authorization Ringler Energy, LLC

Ohio EPA Sites 21-00192, 59-00095, 59-00096  
Field IDs: DEQ-03-01, MOQ-07-01, MOQ-07-02

Delaware and Morrow Counties  
Oxford and Westfield Townships

